

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed with appropriate information. All other correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated above. Corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

20306 7590 07/29/2004

MCDONNELL BOEHNNEN HULBERT & BERGHOFF LLP  
300 S. WACKER DRIVE  
32ND FLOOR  
CHICAGO, IL 60606

10/01/2004 WAFAN2 00000007 10658710

01 FC:1501 1330.00 OP  
02 FC:1504 300.00 OP

### Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Bonnie Ahlstedt (Depositor's name)  
Bonnie Ahlstedt (Signature)  
9/28/2004 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/658,710	09/08/2003	Elad Alon	01-1205-A	2304

TITLE OF INVENTION: APPARATUS AND METHOD FOR A DIGITAL DELAY LOCKED LOOP

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	10/29/2004
EXAMINER		ART UNIT	CLASS-SUBCLASS		
LUU, AN T		2816	327-277000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. McDonnell Boehnen  
2. Hulbert & Berghoff LLP  
3.

### 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Rambus, Inc.

Los Altos, California

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

### 4a. The following fee(s) are enclosed:

☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies

### 4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 13-2440 (enclose an extra copy of this form).

### 5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

(Date)

Paul W. Ch...

SEP. 28, 2004

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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TRANSMIT THIS FORM WITH FEE(S)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 01-1205-A)

In re Application of: )  
 )  
Elad Alon et al. ) Examiner: An T. Luu  
 )  
Serial No.: 10/658,710 ) Group Art Unit: 2816  
 )  
Filed: September 8, 2003 )  
 )  
Title: Apparatus and Method for a Digital )  
Delay Locked Loop )

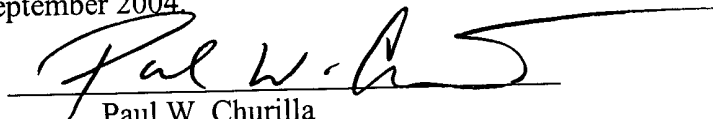
**TRANSMITTAL LETTER**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In regard to the above-identified patent application:

1. We are transmitting herewith the attached:
  1. Payment of Issue Fee
  2. Form PTOL 85 Part B – Fee(s) Transmittal
  3. Filing fee check in the amount of \$1,630
  4. Amendment under 37 C.F.R. § 1.312 in Response to Notice of Allowability mailed on July 29, 2004
  5. Return postcard
2. With respect to additional fees:
  - A. ☐ No additional fee is required.
  - B. ☒ Attached is a check in the amount of \$1,630.
  - C. ☐ Charge the total additional fee to Deposit Account No. 13-2490.
3. Please charge any additional fees or credit overpayments to the Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. CERTIFICATE OF MAILING UNDER 37 CFR 1.10 (EXPRESS MAIL): The undersigned hereby certifies that this Transmittal Letter and the document(s) as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as Express Mail, mailing no. ER 108244063 US, in an envelope addressed to: Mail Stop Issue Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 28 day of September 2004.

By:



Paul W. Churilla  
Reg. No. 47,495



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 01-1205-A)

In the Application of: )  
Elad Alon et al. )  
Serial No.: 10/658,710 ) Examiner: An T. Luu  
Filed: September 8, 2003 ) Art Unit: 2816  
Title: Apparatus and Method for a )  
Digital Delay Locked Loop )

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P.O. Box 1450  
Alexandria, VA 22313-1450

**PAYMENT OF ISSUE FEE**

Dear Sir:

In response to the Notice of Allowance mailed July 29, 2004, Applicants are submitting herewith a check in the amount of \$1,630.00 as payment of the issue fee and publication fee.

Please charge any deficiency or credit any overpayment to Deposit Account no. 13-2490.

Applicants are also submitting herewith an amendment under 37 C.F.R. § 1.312 to correct minor matters of form in the allowed claims of the application.

Respectfully Submitted,

**McDonnell Boehnen Hulbert & Berghoff LLP**

Date: Sept. 28, 2004

By: Paul W. Churilla  
Paul W. Churilla  
Reg. No. 47,495